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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | Application Number     | 10/ 629,685      |
|   |   |    |   | Filing Date            | July 30, 2003    |
|   |   |    |   | First Named Inventor   | Andrew F. Knight |
|   |   |    |   | Art Unit               | 3747             |
|   |   |    |   | Examiner Name          | Redriguez        |
| Sheet   | 2 | of | 2 | Attorney Docket Number |                  |

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2003-  
6003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08B (08-03)

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|   |   | First Named Inventor     | Andrew F. Knight |                        |  |
|   |   | Art Unit                 | 3746             |                        |  |
|   |   | Examiner Name            | R. Delport       |                        |  |
| Sheet   | 1 | of                       | 2                | Attorney Docket Number |  |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| W-F                             | B3                    | J.C. WHITEHEAD, "Mars Ascent Propulsion Options for Small Sample Return Vehicles", July 1997, AIAA 97-2950.   |                |
| W-N                             | B4                    | J.C. WHITEHEAD et al, "Pumped Hydrazine Miniaturized Propulsion System", July 1989, AIAA 89-2958  |                |
| W-N                             | B5                    | J.C. WHITEHEAD, "Free Piston Pumps for miniature Rocket Propulsion", June 1991, AIAA 91-1837  |                |
| W-N                             | B6                    | J.C. WHITEHEAD, "Demand Thrust Pumped Propulsion with Automatic Warm Gas Valving", July 1992, AIAA 92-3539  |                |
| W-N                             | B7                    | J.C. WHITEHEAD, "Test Results for a Reciprocating Pump Powered by Decomposed Hydrogen Peroxide", July 2001, AIAA-2001-3539  |                |
| W-N                             | B8                    | J.C. WHITEHEAD, "Hydrogen Peroxide Gas Generator Cycle with a Reciprocating Pump", July 2002, AIAA 2002-3702  |                |
| W-N                             | B9                    | J.C. WHITEHEAD et al, "Design and Flight Testing of a Reciprocating Pump Fed Rocket", June 1994, AIAA 94-3031   |                |
| W-N                             | B10                   | D.E. EDDLEMAN et al, "Reciprocating Feed System for Advanced Space Propulsion Systems", April 2004, AIAA Student Conference   |                |
| W-F                             | B11                   | W. HAMMACK, "XCOR Aerospace Announces New Rocket Engine Pump Design", April 27, 2002, www.xcor.com  |                |
| W-N                             | B12                   | W. HAMMACK, "XCOR Passes Major Milestone on DARPA Piston Pump Contract", Sept. 26, 2003, www.xcor.com   |                |

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|--------------------|-----|-----------------|---------|
| Examiner Signature | W-N | Date Considered | 3/14/05 |
|--------------------|-----|-----------------|---------|

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Application Number

|    |          |
|----|----------|
| 10 | 629, 685 |
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Filing Date

July 30, 2003

**First Named Inventor**

Andrew F. Knight

Art Unit

3746

Examiner Name

Rodriguez

Attorney Docket Number

Sheet

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of

2

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**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

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